

CLAIMS

1. An electromagnetic shielding sheet comprising:
a transparent base, and a meshed conductive structure laminated to one of the surfaces of the transparent base;

wherein the conductive structure has lines having straight parts of a width in the range of $C(1 \pm 30\%)$, where C is a predetermined value.

2. An electromagnetic shielding sheet comprising:
a transparent base, and a meshed conductive structure laminated to one of the surfaces of the transparent base;

wherein the radius of curvature of a side surface extending between the upper and the lower side of a bank in a section of the lines in a plane perpendicular to the transparent sheet is in the range of 1.5 to 3.0 times the thickness of the conductive structure.

3. An electromagnetic shielding sheet comprising:
a transparent base, and a meshed conductive structure laminated to one of the surfaces of the transparent base;

wherein the conductive structure has lines having straight parts of a width in the range of $C(1 \pm 30\%)$, where C is a predetermined value, and the radius of curvature of a side surface extending between the upper and the lower side of a bank in a section of the lines in a plane perpendicular to the transparent sheet is in the range of 1.5 to 3.0 times the thickness of the conductive structure.

4. The electromagnetic shielding sheet according to any one of claims 1 to 3, wherein the widths of the straight parts of the lines an inner part of the meshed conductive structure surrounded by a peripheral part of a width corresponding to 1 to 50 meshes or a peripheral part of a width in the range of 0.15 to 15 mm are in the range of $C(1 \pm 30\%)$, where C is a predetermined value.

5 The electromagnetic shielding sheet according to any one of claims 1 to 3, wherein the widths of the straight parts of the lines of the conductive structure are in the range of 5 to 25 μm , and the lines are arranged at pitches in the range of 150 to 500 μm .

6. The electromagnetic shielding sheet according to any one of claims 1 to 3, wherein the conductive structure is a metal layer.

7. The electromagnetic shielding sheet according to any one of claims 1 to 3, wherein at least one of the surfaces of the conductive structure is processed by a blackening treatment.

8. The electromagnetic shielding sheet according to claim 7, wherein an antirust layer is formed at least on a surface, processed by a blackening treatment, of the conductive structure.

9 The electromagnetic shielding sheet according to any one of claims 1 to 3, wherein at least recesses in the meshed conductive structure are filled up with a transparent resin such that the surface of the conductive structure is substantially flat.

10. The electromagnetic shielding sheet according to claim 9, wherein the transparent resin filling up the recesses in the meshed conductive structure to substantially flatten the surface of the conductive structure contains a color tone correcting light-absorbing agent capable of absorbing visible light having wavelengths between 570 and 605 nm and/or a near-infrared absorbing agent capable of absorbing infrared radiation having wavelengths between 800 and 1100 nm.

11. The electromagnetic shielding sheet according to claim 9 further comprising a layer containing a color tone correcting light-absorbing agent capable of absorbing visible light having wavelengths between 570 and 605 nm and/or a layer containing a near-infrared absorbing agent capable of absorbing infrared radiation.

having wavelengths between 800 and 1100 nm formed on at least one of the surfaces of the conductive structure.